

What is claimed is:

1. A cathodic electrodeposition method, comprising

1) immersing a conductive substrate in a coating composition comprising, in an aqueous medium, an aqueous dispersion of a resin composition comprising:

5 (A) a polymer comprising at least one primary carbamate group and one or more quaternary ammonium groups,

(B) a carbamate functional reactive additive which is generated in situ during the production of polymer (A),

10 (C) a compound having a plurality of functional groups that are reactive with said carbamate groups,

2) applying a voltage between an anode and the conductive substrate, and

3) removing the substrate from the coating composition.

2. The method of claim 1 further comprising rinsing the substrate.

15 3. The method of claim 1 further comprising baking the substrate at a temperature of from 200° to 300°F.

4. The method of claim 1 wherein the conductive substrate comprises metal.

20 5. The method of claim 4 wherein the metal is selected from the group consisting of aluminum and steel.